

Title (en)
PNEUMATIC VEHICLE TYRE

Publication
EP 0326123 A3 19900307 (DE)

Application
EP 89101322 A 19890126

Priority
DE 3802503 A 19880128

Abstract (en)
[origin: EP0326123A2] The invention relates to a pneumatic vehicle tyre, in particular for utility vehicles, having a radial casing whose strengthening carriers consist of steel or a material of similar high strength and whose ends are anchored in the beads by being wrapped around bead cores of high tensile strength, having a central tread and having side sections which rebound, in addition having a multi-layer belt which extends laterally into the side sections, and whose strengthening carriers consist of steel or a material of similar high strength and between the layers of which a low-attenuation rubber layer can be located. In order to produce a further reduction in rolling resistance, it is proposed that a rubber plate consisting of a soft, low-attenuation rubber be located between the radially inner layer of the belt and the radial casing, that the Shore hardness of the rubber plate be between 50 and 65 Shore A and that its rebound elasticity be 55 to 70%. <IMAGE>

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B60C 9/18

IPC 8 full level
B60C 9/18 (2006.01)

CPC (source: EP US)
B60C 9/18 (2013.01 - EP US); **B60C 2009/1842** (2013.01 - EP US); **Y10T 152/1081** (2015.01 - EP US)

Citation (search report)

- [Y] FR 91655 E 19680726
- [Y] EP 0173101 A2 19860305 - CONTINENTAL GUMMI WERKE AG [DE]
- [A] EP 0066225 A2 19821208 - BAYER AG [DE]
- [A] DE 1680346 A1 19711007 - DUNLOP AG
- [A] GB 929413 A 19630619 - CONTINENTAL GUMMI WERKE AG
- [A] GUMMI FASERN KUNSTSTOFFE, Band 40, Nr. 11, November 1987, Seite 611, Stuttgart, DE; "Conti-E.O.T.-Reifen senkt Betriebskosten"

Cited by
EP0620129A1; FR2754769A1; US5996662A; WO9817485A1

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